

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 12 October 2000 (12.10.2000)

PCT

(10) International Publication Number WO 00/59321 A1

(51) International Patent Classification⁷:

_ _ _

Lastin (EDED)

(21) International Application Number: PCT/EP00/02822

(21) International Application Number: 1 C1/El 00/02622

(22) International Filing Date: 30 March 2000 (30.03.2000)

(25) Filing Language:

English

A23P 1/08

(26) Publication Language:

English

(30) Priority Data: 99/04143

2 April 1999 (02.04.1999) FF

(71) Applicant (for all designated States except US): AVENTIS ANIMAL NUTRITION SA [FR/FR]; 42, Avenue Aristide Briand, F-92160 Antony (FR).

(72) Inventors; and

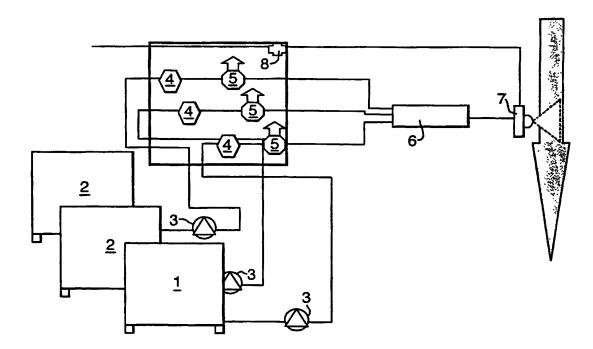
(75) Inventors/Applicants (for US only): ANNONIER, Claude [FR/FR]; Aventis Animal Nutrition SA, 42, Avenue Aristide Briand, F-92160 Antony (FR). NUFFER,

Sebastien [FR/FR]; Aventis Animal Nutrition SA, 42, Avenue Aristide Briand, F-92160 Antony (FR). MAL-LARACH CAPDEVILA, Juan [ES/ES]; C/Arnau de Corco, 49, E-08560 Manlleu, Barcelona (ES).

- (74) Agents: BARLOW, Roy, James et al.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM). European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: SPRAYING EQUIPMENT



(57) Abstract: The present invention relates to a novel piece of equipment for spraying a liquid composition onto a solid product e.g. a foodstuff which may be in the form of pellets, a crumble, a powder to form a mash. It relates more particularly to apparatus which allows homogeneous spraying of very small amounts of a liquid constituent onto relatively large amounts of the solid product.





WO 00/59321 A1

Published:

With international search report.

With amended claims.

Date of publication of the amended claims: 18 January 2001

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.